

A1BL Blended Learning Math Resources

[Hippocampus](#) create customized resource playlists of rich multimedia content that directly aligns to your curriculum map. (Powered by NROC, Khan Academy, and many more credible sources).

[KHAN Academy](#) High quality recorded YouTube lessons on many math concepts.

[ALEKS](#)- Individualized web-based assessment tool that customizes assessments to meet individual student needs. The program periodically reassesses the student to ensure that topics learned are retained.

[Illustrative Math](#) a resource for curriculum decision makers illustrating the range of experiences that accompany full implementation of the common core math standards.

[JMAP](#) A free teacher favorite resource based on the New York Regents Exam.

[HCO](#) Algebra I Online – Another Kentucky teacher favorite resource for Algebra I Instruction.

[Geogebra](#) teach and learn algebra, geometry and calculus online.

[A+ Click](#) - Students grades K-12 can take online math practice tests at this site

[Sumdog](#) - Free math games makes learning fun and easy.

[ALEKS](#)- Individualized web-based assessment tool that customizes assessments to meet individual student needs. The program periodically reassesses the student to ensure that topics learned are retained.

[National Library of Virtual Manipulatives](#)- Interactive website that utilizes manipulatives online rather than in the classroom.

[Shell Center for Mathematics \(FALS\)](#)- Assessment tools to support schools in implementing the Common Core State Standards for Mathematics. Tools for formative and summative assessment that make knowledge and reasoning visible, and help teachers to guide students in how to improve, and monitor their progress.

[Math Vocabulary \(even H.S.!\)](#)-This website provides definitions of pertinent math vocabulary while giving visual examples of the definitions.

[The Video Math Tutor](#)-YouTube videos on math concepts conducted by a math teacher.

[Illustrated Math Dictionary](#)- website gives definitions, picture illustrations, and interactive components to explain math concepts.

[Math Playground\(Order of Operations video\)](#)- Math Playground is a popular learning site for kids of all ages filled with math and thinking games, step-by-step instructional videos, math practice, and problem solving activities.

[National Library of Virtual Manipulatives](#)- Interactive website that utilizes manipulatives online rather than in the classroom.

[Discovery Ed WebMath Solve Problems](#)-web site that generates answers to specific math questions and problems, as entered by user, at any particular moment. The math answers are generated and displayed in real-time. The program also shows the student how to arrive at the answer.

[ACT Video Problem/Solution of the Day](#)- This website provides test samples of the ACT while giving a problem of the day and current information on ACT test dates.

[Maths Net for Projector/interactive Boards](#)- Higher level math resources for gifted, international baccalaureate, calculus, and university level maths for students.

[ACT Question of the Day \(from ACT\)](#)- Official website of ACT that has practice tests and pertinent test information for taking the ACT.

[Math Forum Math Teacher Resources](#)- Website offers lesson plans, reference materials, software, internet projects, public forums, and articles.

[Yummy Math \(World Relevant\)](#)- This website uses Algebra, Geometry, Data & Probability, and Number Sense math examples that involve real-world applications.

[Math Live \(math explained with animation\)](#)- Great math resource for intermediate to

middle school level concepts that use small videos to illustrate answers. This site also has an interactive component for students to answer questions during and after the videos. There are also worksheets for formative assessments.

[Plus Math Magazine](#)- This website consists of up-to-date facts and news within the math world. The website also has current math articles podcasts and reviews.

[KHAN Academy Video Lessons](#)- Recorded YouTube lessons on many math concepts

[Practice Algebra By Skill](#)- List of all Algebraic skills organized by each Algebraic strand.

[Practice by KY Common Core Standard](#)- Skills available for Kentucky schools Pre-K through high school students to practice each math standard on a computer program that gives students immediate feedback on skills completed.

[Sample COMPASS Algebra Tests](#)- Sample test questions and explanation of how the test is constructed and what students and parents should expect.

[College Algebra, Geometry & Trig Tests](#)- Sample test questions and guide for students and parents need to know.

[COMPASS Self-Assessment Modules](#)- Test preparation review that gives a test breakdown, video review, and old test questions.

[ACT Prep Course](#)- You must register at this website in order to receive immediate feedback and tutoring that will assist with the ACT test.

[Geometric Formulas](#)- a list of geometric formulas from area, volume and surface areas.

[College Placement Tests Practice](#)-placement exams and free study guides.

[PurpleMath](#)- Compilation of math websites that will assist both teachers and students with math concepts.

[MAP Skills Practice](#)- Interactive website where students can practice math skills.

[Quick & Dirty Guide to Using the TI-84+](#) Step by step instruction of the TI-84Plus calculator.

[Tutorial for TI-84+ Calculator](#)- Basic TI-84 Plus tutorial.